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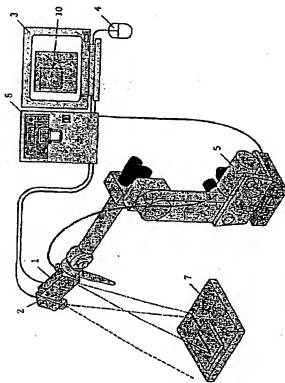
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(54) Robot teaching apparatus

(57) An image of a reference work (7) is captured using a camera (2) and the image is displayed on an image display device (3). A measurement starting point is pointed by an image position pointing device (4). A corresponding view line is obtained using a position on the image and a position and a direction of the camera (2), and a robot (5) approaches the reference work (7) such that it does not deviate from a projecting direction to move to a position suitable for measurement. A slit light is projected and measurement of an inclination of a face in the vicinity of a measuring point is started. An image including a bright line image on the reference work is photographed and 3-dimensional positions of points sequentially measured along a working line. A movement path of a robot is created using these positions as teaching points.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G05B
The present search report has been drawn up for all claims			
1	Place of search The Hague	Date of completion of the search 30 June 2005	Examiner MESEGUER MAYORAL, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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